

Application No.: 09/997,898

Docket No.: H0610.0044/P044

AMENDMENTS TO THE SPECIFICATION

Page 1, above line 1, insert the following title and heading:

—REACTOR FOR CARRYING OUT NON-ADIABATIC REACTIONS

Background of the Invention—

Page 2, line 10, insert the following heading:

—Summary of the Invention--

Page 4, line 1, insert the following heading:

—Brief Description of the Drawing--

Page 4, line 6, insert the following heading:

—Detailed Description of the Preferred Embodiment--

Please amend the paragraph at page 4, lines 7-12, as follows:

A reactor [[2]] according to a specific embodiment of the invention consists of metallic blocks 4 and 6. Block 4 and 6 are provided with a series of parallel reaction channels 8 and 10 drilled through the blocks. Each series of channels is connected to main feed inlets 12 and 14 connecting each row of channels 8 and 10 in parallel.

Please amend the paragraph at page 4, lines 17-23, as follows:

Each of blocks 4 and 6 is further provided with a number of electrical heating or cooling strips 26 and 28 within outer surfaces of block 4 and strips 30 and 32 within outer surface of block 6 or in groves (not shown) in the surface. The blocks are collected within a common shell 34 provided with shelves 36 to support insulating material (not shown) at the outer surface of shell 34.